



Positronic Industries

Power Connections Systems

ORDERING INFORMATION – CODE NUMBERING SYSTEM

Specify Complete Connector By Following Steps 1 Through 8
Insert "0" When Step Is Not Used

STEP	1	2	3	4	5	6	7	8
	PLB	06	F	3	N	0	A1	

STEP 1 - Basic Series

- PLA - 1 Row
- PLAH- 1 Row High conductivity contacts
- PLB - 2 Row
- PLBH- 2 Row High conductivity contacts
- PLC - 3 Row
- PLCH- 3 Row High conductivity contacts

STEP 2 - Connector Variants

- 1 Row – 03, 04, 06, 08
- 2 Row – 06, 08, 12, 16
- 3 Row – 09, 12, 18, 24, 30

STEP 3 - Connector Gender

- M - Male
- F - Female

STEP 4 - Type of Contact

- 0 – Order contacts separately for cable connectors for connection systems 5, 6, 7, 8 and 9.
- 1 – Removable contact, panel mounted connector for connection system 8. Order contacts separately.
- 2 – Solder, 18 AWG [1.0mm²] max. for panel mount connector, for connection system 8. Not available as PL*H.
- 3 – Solder, Straight Printed Board Mount with 0.146 [3.71] tail extension for connection systems 1, 4 and 6.
- 32 – Solder, Straight Printed Board Mount with 0.377 [9.58] tail extension for connection system 3 and systems 1, 4 and 6.
- 4 – Solder, 90° Printed Board Mount with 0.146 [3.71] tail extension for connection systems 1, 2 and 5.
- 42 – Solder, 90° Printed Board Mount with 0.377 [9.58] tail extension for connection system 3 and systems 1, 2 and 5.
- 63 – Press-fit, compliant Termination Right Angle Printed Board Mount (Many variants available, contact Technical Sales)
- 7 – Order contacts separately for cable connectors for connection systems 5, 6, 7, 8 and 9. Terminating side of insulator has 0.165 [4.19] ø c'bore for large wire sizes.
- 8 – Removable contact, panel mounted connector for connection system 8. Order contacts separately. Terminating side of insulator has 0.165 [4.19] ø c'bore for large wire sizes.
- 92 – Straight PCB Mount, Press-Fit, length 0.183 [4.65] for 0.093 inch [2.36] thick board.
- 93 – Straight PCB Mount, Press-Fit, length 0.218 [5.54] for 0.125 inch [3.18] thick board.

STEP 8 - Special Options

See page 22 for sequential mating systems. Consult factory for other options.

STEP 7 - Contact Plating for Printed Board Connectors

- 0 - Crimp Contacts ordered separately.
- A1 - Gold flash over nickel on mating end and gold flash over nickel on termination end.
- A2 - Gold flash over nickel on mating end and 0.00020 inch [5.0 microns] solder coat on termination end.
- C1 - 0.000030 inch [0.8 microns] gold over nickel on mating end and 0.000030 inch [0.8 microns] gold over nickel on termination end.
- C2 - 0.000030 inch [0.8 microns] gold over nickel on mating end and 0.00020 inch [5.0 microns] solder coated termination end.

STEP 6 - Hoods and Panel Mount

- 0 - None.
- 5 - Top Opening Hood.
- 6 - Panel Mount, quick release.
- 81 - Panel Mount, fixed for 0.040 [1.02] thick panel.
- 82 - Panel Mount, fixed for 0.060 [1.52] thick panel.
- 83 - Panel Mount, fixed for 0.090 [2.29] thick panel.
- 11 - Blind Mating System for 0.040 [1.02] thick panel.
- 12 - Blind Mating System for 0.060 [1.52] thick panel.
- 13 - Blind Mating System for 0.090 [2.29] thick panel.
- 14 - Blind Mating System for 0.120 [3.05] thick panel.

STEP 5 - Mounting Style

- 0 - No added accessories.
- B - Metal 90° Mounting Bracket.
- BN - Metal 90° Mounting Bracket with Push-on Fastener.
- B3 - Plastic 90° Mounting Bracket with Cross Bar.
- B3N - Plastic 90° Mounting Bracket with Cross Bar and Push-on Fastener.
- N - Push-On Fastener For Straight Printed Board Mount Connectors
- ST2 - Self-tapping screws 2-28 x 0.250 [6.35] length for 0.093 [2.36] thick board.
- ST3 - Self-tapping screws 2-28 x 0.312 [7.92] length for 0.125 [3.18] thick board.

DIMENSIONS ARE IN INCHES [MILLIMETERS].
ALL DIMENSIONS ARE SUBJECT TO CHANGE.

* For high conductivity contact connectors, order PL* connectors and *C112N[2]S contacts